

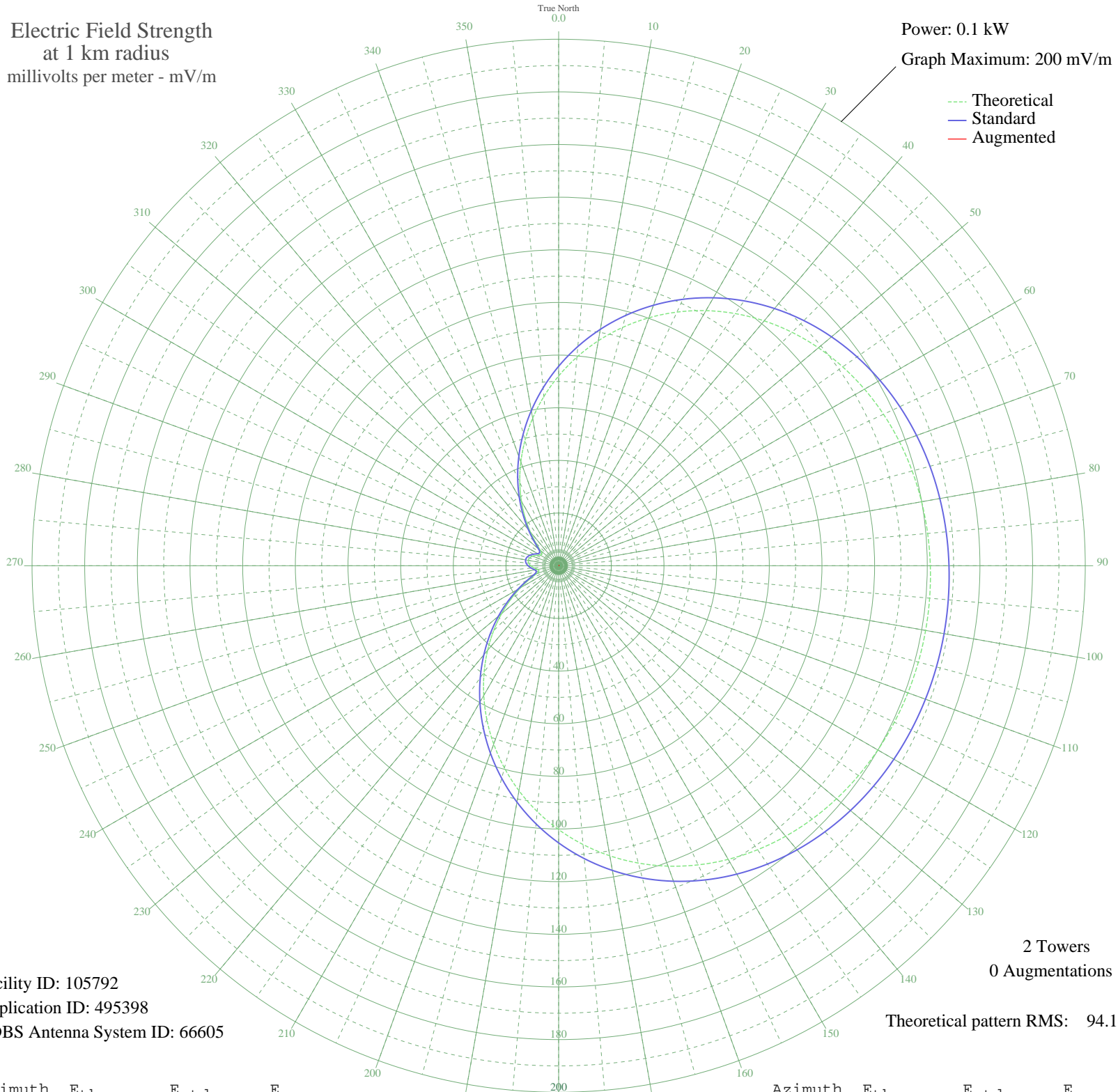
CKRV DRUMMONDVILLE, QC Canada -- 1400 kHz

Nighttime

Electric Field Strength
at 1 km radius
millivolts per meter - mV/m

Power: 0.1 kW
Graph Maximum: 200 mV/m

--- Theoretical
— Standard
— Augmented



Facility ID: 105792
Application ID: 495398
CDBS Antenna System ID: 66605

2 Towers
0 Augmentations

Theoretical pattern RMS: 94.14

Azimuth	E _{theo}	E _{std}	E _{aug}
0	72.09	75.77	
5	79.55	83.59	
10	86.78	91.18	
15	93.70	98.44	
20	100.23	105.29	
25	106.31	111.67	
30	111.88	117.53	
35	116.93	122.82	
40	121.43	127.54	
45	125.38	131.69	
50	128.80	135.28	
55	131.70	138.33	
60	134.13	140.88	
65	136.13	142.98	
70	137.74	144.66	
75	139.00	145.99	
80	139.97	147.00	
85	140.67	147.74	
90	141.15	148.25	
95	141.43	148.54	
100	141.52	148.63	
105	141.43	148.54	
110	141.15	148.25	
115	140.67	147.74	
120	139.97	147.00	
125	139.00	145.99	
130	137.74	144.66	
135	136.13	142.98	
140	134.13	140.88	
145	131.70	138.33	
150	128.80	135.28	
155	125.38	131.69	
160	121.43	127.54	
165	116.93	122.82	
170	111.88	117.53	
175	106.31	111.67	

The theoretical pattern is used to create the standard pattern. Augmentations (if any) expand the standard pattern in specified directions. See Sections 73.150 and 73.152 of the FCC's Rules.

AM coverage may not mirror the pattern shown here. Additional factors such as ground conductivity or skywave propagation affect how far the AM signal will travel.

Patterns for stations outside the USA are based on notified parameters.

AM directional patterns created before 1982 used units of 1 mV/m at 1 mile, not one kilometer. The pattern values on such plots at 1 mile will be 0.62137 of the values listed here. Measured pattern values may vary from values shown here.

Plot is best printed on 11" by 17" or larger paper.

Azimuth	E _{theo}	E _{std}	E _{aug}
180	100.23	105.29	
185	93.70	98.44	
190	86.78	91.18	
195	79.55	83.59	
200	72.09	75.77	
205	64.50	67.81	
210	56.88	59.82	
215	49.34	51.91	
220	41.98	44.21	
225	34.92	36.81	
230	28.26	29.86	
235	22.14	23.48	
240	16.70	17.84	
245	12.18	13.21	
250	9.00	10.02	
255	7.69	8.73	
260	8.15	9.18	
265	9.39	10.40	
270	10.61	11.62	
275	11.44	12.46	
280	11.73	12.75	
285	11.44	12.46	
290	10.61	11.62	
295	9.39	10.40	
300	8.15	9.18	
305	7.69	8.73	
310	9.00	10.02	
315	12.18	13.21	
320	16.70	17.84	
325	22.14	23.48	
330	28.26	29.86	
335	34.92	36.81	
340	41.98	44.21	
345	49.34	51.91	
350	56.88	59.82	
355	64.50	67.81	

24 Oct 2009

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